

Ag. Waste Application and Excavated Ponds
Clay County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ac: Albaton-----	85	Very limited Restricted permeability Depth to saturated zone Runoff limitation	1.00 1.00 0.40	Very limited Slow refill Cutbanks cave	1.00 0.10
Ad: Albaton-----	90	Very limited Restricted permeability Depth to saturated zone Ponding Runoff limitation	1.00 1.00 1.00 0.40	Very limited Slow refill Cutbanks cave	1.00 0.10
AeA: Alcester-----	80	Not limited		Somewhat limited Deep to water Slow refill Cutbanks cave	0.96 0.30 0.10
Ba: Baltic-----	85	Very limited Restricted permeability Depth to saturated zone Flooding Runoff limitation	1.00 1.00 0.60 0.40	Somewhat limited Slow refill Cutbanks cave	0.97 0.10
Bb: Blake-----	80	Not limited		Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
Bf: Blencoe-----	80	Very limited Restricted permeability Depth to saturated zone Runoff limitation	1.00 0.95 0.40	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.02

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Bg: Blyburg-----	85	Not limited		Very limited Deep to water	1.00
Bk: Blyburg-----	50	Not limited		Very limited Deep to water	1.00
Gayville-----	30	Very limited Restricted permeability	1.00	Somewhat limited Salty water	0.50
		Depth to saturated zone	0.95	Slow refill	0.47
		Sodium content	0.92	Cutbanks cave	0.10
		Salinity	0.50	Deep to water	0.02
		Runoff limitation	0.40		
Bm: Bon-----	85	Not limited		Very limited Deep to water	1.00
Bn: Bon-----	85	Very limited Flooding	1.00	Very limited Cutbanks cave Deep to water	1.00 0.81
Ca: Chancellor-----	65	Very limited Restricted permeability	1.00	Somewhat limited Slow refill	0.98
		Flooding	1.00	Cutbanks cave	0.10
		Depth to saturated zone	1.00		
Tetonka-----	25	Very limited Restricted permeability	1.00	Somewhat limited Slow refill	0.30
		Ponding	1.00	Cutbanks cave	0.10
		Depth to saturated zone	1.00	Salty water	0.01
		Runoff limitation	0.40		
Cc: Chaska-----	75	Very limited Flooding	1.00	Very limited Cutbanks cave	1.00
		Depth to saturated zone	1.00	Deep to water	0.01
		Leaching limitation	0.70		

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Cd: Clamo-----	85	Very limited Restricted permeability Depth to saturated zone Flooding Leaching limitation	1.00 1.00 0.60 0.50	Somewhat limited Slow refill Cutbanks cave Salty water	0.55 0.10 0.01
DaA: Dalesburg-----	85	Very limited Filtering capacity Flooding	1.00 0.60	Very limited Cutbanks cave Deep to water	1.00 0.96
DbB: Dalesburg-----	55	Very limited Filtering capacity Flooding	1.00 0.60	Very limited Cutbanks cave Deep to water	1.00 0.96
Dimo-----	30	Very limited Filtering capacity Depth to saturated zone Flooding	1.00 0.95 0.60	Very limited Cutbanks cave Deep to water	1.00 0.02
DcA: Davis-----	80	Not limited		Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
DcB: Davis-----	85	Not limited		Very limited Deep to water	1.00
DhA: Davison-----	50	Somewhat limited Depth to saturated zone	0.43	Very limited Deep to water	1.00
Chancellor-----	40	Very limited Restricted permeability Flooding Depth to saturated zone	1.00 1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.98 0.10

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		Rating class and limiting features	Value	Rating class and limiting features	Value
DkA: Davison-----	40	Somewhat limited Depth to saturated zone	0.43	Very limited Deep to water	1.00
Tetonka-----	25	Very limited		Somewhat limited	
		Restricted	1.00	Slow refill	0.30
		permeability	1.00	Cutbanks cave	0.10
		Ponding	1.00	Salty water	0.01
Egan-----	20	Depth to			
		saturated zone	1.00		
		Runoff limitation	0.40		
DmB: Delmont-----	55	Somewhat limited	0.50	Very limited	1.00
		Restricted		Deep to water	
		permeability			
Enet-----	25	Very limited	1.00	Very limited	1.00
		Depth to dense	1.00	Deep to water	
		layer	1.00		
		Filtering	0.17		
DnD: Delmont-----	45	capacity			
		Droughty			
Talmo-----	35	Very limited	1.00	Very limited	1.00
		Depth to dense		Deep to water	
		layer	1.00		
		Filtering	0.17		
		capacity			
		Slope	0.63		
		Droughty	0.61		
		Leaching	0.45		
		limitation			

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Do: Dimo-----	85	Very limited Filtering capacity Depth to saturated zone Flooding	1.00 0.95 0.60	Very limited Cutbanks cave Deep to water	1.00 0.02
EaA: Egan-----	40	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Chancellor-----	25	Very limited Restricted permeability Flooding Depth to saturated zone	1.00 1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.98 0.10
Davison-----	20	Somewhat limited Depth to saturated zone	0.43	Very limited Deep to water	1.00
EbA: Egan-----	40	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Clarno-----	25	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Chancellor-----	20	Very limited Restricted permeability Flooding Depth to saturated zone	1.00 1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.98 0.10
EcA: Egan-----	40	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Clarno-----	25	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Tetonka-----	20	Very limited Restricted permeability Ponding Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40	Somewhat limited Slow refill Cutbanks cave Salty water	0.30 0.10 0.01
EdA: Egan-----	45	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Clarno-----	25	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Trent-----	20	Not limited		Very limited Deep to water	1.00
EdB: Egan-----	45	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Clarno-----	25	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Trent-----	20	Not limited		Very limited Deep to water	1.00
EeB: Egan-----	50	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Ethan-----	30	Not limited		Very limited Deep to water	1.00
EfB: Egan-----	40	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Ethan-----	25	Not limited		Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Tetonka-----	20	Very limited Restricted permeability Ponding Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40	Somewhat limited Slow refill Cutbanks cave Salty water	0.30 0.10 0.01
EgB: Egan-----	45	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Ethan-----	25	Not limited		Very limited Deep to water	1.00
Trent-----	20	Not limited		Very limited Deep to water	1.00
EhA: Egan-----	50	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Trent-----	35	Not limited		Very limited Deep to water	1.00
EhB: Egan-----	50	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Trent-----	30	Not limited		Very limited Deep to water	1.00
Ek: Egan-----	40	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Trent-----	25	Not limited		Very limited Deep to water	1.00
Chancellor-----	20	Very limited Restricted permeability Flooding Depth to saturated zone	1.00 1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.98 0.10

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Em: Enet-----	90	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
EnB: Enet-----	45	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
Storla-----	25	Somewhat limited Depth to saturated zone	0.43	Very limited Deep to water	1.00
Tetonka-----	20	Very limited Restricted permeability	1.00	Somewhat limited Slow refill	0.30
		Ponding	1.00	Cutbanks cave	0.10
		Depth to saturated zone	1.00	Salty water	0.01
		Runoff limitation	0.40		
EoD: Ethan-----	65	Somewhat limited Slope	0.63	Very limited Deep to water	1.00
Betts-----	20	Somewhat limited Slope	0.84	Very limited Deep to water	1.00
		Restricted permeability	0.50		
EoE: Ethan-----	60	Very limited Slope	1.00	Very limited Deep to water	1.00
Betts-----	25	Very limited Slope	1.00	Very limited Deep to water	1.00
		Restricted permeability	0.50		
EpD: Ethan-----	55	Very limited Slope	1.00	Very limited Deep to water	1.00
Bon-----	25	Very limited Flooding	1.00	Very limited Cutbanks cave Deep to water	1.00 0.81
EpE: Ethan-----	65	Very limited Slope	1.00	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Bon-----	20	Very limited Flooding	1.00	Very limited Cutbanks cave Deep to water	1.00 0.81
ErC: Ethan-----	45	Not limited		Very limited Deep to water	1.00
Clarno-----	40	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
ErD: Ethan-----	60	Somewhat limited Slope	0.63	Very limited Deep to water	1.00
Clarno-----	30	Somewhat limited Slope Restricted permeability	0.63 0.50	Very limited Deep to water	1.00
EsB: Ethan-----	40	Not limited		Very limited Deep to water	1.00
Clarno-----	30	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Bon-----	20	Not limited		Very limited Cutbanks cave Deep to water	1.00 0.81
EtC: Ethan-----	45	Not limited		Very limited Deep to water	1.00
Clarno-----	25	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Bon-----	20	Very limited Flooding	1.00	Very limited Cutbanks cave Deep to water	1.00 0.81
EuB: Ethan-----	30	Not limited		Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Davison-----	25	Somewhat limited Depth to saturated zone	0.43	Very limited Deep to water	1.00
Tetonka-----	25	Very limited Restricted permeability	1.00	Somewhat limited Slow refill	0.30
		Ponding	1.00	Cutbanks cave	0.10
		Depth to saturated zone	1.00	Salty water	0.01
		Runoff limitation	0.40		
EvC: Ethan-----	50	Not limited		Very limited Deep to water	1.00
Egan-----	35	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
EzE: Ethan-----	60	Very limited Slope	1.00	Very limited Deep to water	1.00
Talmo-----	25	Very limited Slope	1.00	Very limited Deep to water	1.00
		Filtering capacity	1.00		
		Droughty	0.61		
		Leaching limitation	0.45		
Fo: Forney-----	80	Very limited Restricted permeability	1.00	Very limited Slow refill	1.00
		Depth to saturated zone	0.95	Cutbanks cave	0.10
		Runoff limitation	0.40	Deep to water	0.02
Ga: Grable-----	85	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
Gt: Grable-----	45	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ticonic-----	25	Very limited Filtering capacity Leaching limitation	1.00 0.45	Very limited Deep to water	1.00
Vore-----	20	Very limited Restricted permeability Filtering capacity	1.00 1.00	Very limited Cutbanks cave Deep to water	1.00 0.81
Gv: Grable-----	35	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
Haynie-----	25	Not limited		Very limited Deep to water	1.00
Vore-----	25	Very limited Restricted permeability Filtering capacity	1.00 1.00	Very limited Cutbanks cave Deep to water	1.00 0.81
Ha: Haynie-----	80	Not limited		Very limited Deep to water	1.00
Hg: Haynie-----	45	Not limited		Very limited Deep to water	1.00
Grable-----	40	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
Hn: Haynie-----	40	Not limited		Very limited Deep to water	1.00
Grable-----	25	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
Lossing-----	25	Very limited Restricted permeability Runoff limitation	1.00 0.40	Somewhat limited Deep to water Cutbanks cave	0.81 0.10

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ho: Haynie-----	40	Not limited		Very limited Deep to water	1.00
Blake-----	25	Not limited		Somewhat limited Deep to water	0.81
				Slow refill	0.30
				Cutbanks cave	0.10
Onawa-----	25	Very limited Restricted permeability	1.00	Somewhat limited Deep to water	0.81
		Leaching limitation	0.50	Cutbanks cave	0.10
Ja: James-----	85	Very limited Restricted permeability	1.00	Very limited Slow refill	1.00
		Depth to saturated zone	1.00	Salty water	1.00
		Salinity	1.00	Cutbanks cave	0.10
		Sodium content	0.82		
		Flooding	0.60		
La: Lakeport-----	85	Not limited		Somewhat limited Deep to water	0.81
				Slow refill	0.30
				Cutbanks cave	0.10
Lb: Lamo-----	85	Somewhat limited Depth to saturated zone	0.95	Somewhat limited Slow refill	0.97
		Flooding	0.60	Cutbanks cave	0.10
		Restricted permeability	0.50	Deep to water	0.02
Lc: Lamo-----	85	Somewhat limited Depth to saturated zone	0.95	Somewhat limited Slow refill	0.97
		Flooding	0.60	Cutbanks cave	0.10
		Restricted permeability	0.50	Deep to water	0.02

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ld: Lamo-----	60	Somewhat limited Depth to saturated zone Flooding Restricted permeability	0.95 0.60 0.50	Somewhat limited Slow refill Cutbanks cave Deep to water	0.97 0.10 0.02
Baltic-----	25	Very limited Restricted permeability Depth to saturated zone Flooding Runoff limitation	1.00 1.00 0.60 0.40	Somewhat limited Slow refill Cutbanks cave	0.97 0.10
Le: Lex-----	85	Very limited Filtering capacity Depth to saturated zone Flooding Restricted permeability	1.00 0.95 0.60 0.50	Very limited Cutbanks cave Deep to water	1.00 0.02
Lg: Lossing-----	80	Very limited Restricted permeability Runoff limitation	1.00 0.40	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
Lo: Lossing-----	50	Very limited Restricted permeability Runoff limitation	1.00 0.40	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
Owego-----	30	Very limited Restricted permeability Depth to saturated zone Runoff limitation	1.00 0.95 0.40	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
Lr: Lossing-----	50	Very limited Restricted permeability Runoff limitation	1.00 0.40	Somewhat limited Deep to water Cutbanks cave	0.81 0.10

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Vore-----	25	Very limited Restricted permeability Filtering capacity	1.00 1.00	Very limited Cutbanks cave Deep to water	1.00 0.81
Lt: Luton-----	90	Very limited Restricted permeability Depth to saturated zone Flooding Runoff limitation	1.00 1.00 0.60 0.40	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
Lu: Luton-----	90	Very limited Restricted permeability Depth to saturated zone Runoff limitation	1.00 1.00 0.40	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
McA: Meckling-----	90	Very limited Filtering capacity Depth to saturated zone	1.00 0.24	Very limited Cutbanks cave Deep to water	1.00 0.38
Mo: Modale-----	85	Very limited Restricted permeability	1.00	Very limited Slow refill Deep to water Cutbanks cave	1.00 0.81 0.10
Na: Napa-----	50	Very limited Restricted permeability Depth to saturated zone Sodium content Salinity Runoff limitation	1.00 1.00 0.98 0.50 0.40	Very limited Slow refill Salty water Cutbanks cave	1.00 0.50 0.10

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Luton-----	30	Very limited Restricted permeability Depth to saturated zone Runoff limitation	1.00 1.00 0.40	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
Nb: Norway-----	85	Very limited Depth to saturated zone Flooding Filtering capacity Runoff limitation Droughty	1.00 1.00 1.00 0.40 0.02	Very limited Cutbanks cave	1.00
NcA: Norway-----	50	Very limited Depth to saturated zone Filtering capacity Flooding Runoff limitation Droughty	1.00 1.00 0.60 0.40 0.02	Very limited Cutbanks cave	1.00
Meckling-----	40	Very limited Filtering capacity Depth to saturated zone	1.00 0.24	Very limited Cutbanks cave Deep to water	1.00 0.38
Oa: Onawa-----	85	Very limited Restricted permeability Leaching limitation	1.00 0.50	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
Ob: Onawa-----	50	Very limited Restricted permeability Leaching limitation	1.00 0.50	Somewhat limited Deep to water Cutbanks cave	0.81 0.10

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Owego-----	30	Very limited Restricted permeability Depth to saturated zone Runoff limitation	1.00 0.95 0.40	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
Oc: Orthents, Channeled-	85	Very limited Restricted permeability Flooding Slope Depth to saturated zone	1.00 1.00 1.00 0.43	Somewhat limited Deep to water Cutbanks cave	0.25 0.10
Og: Orthents, Gravelly--	95	Very limited Filtering capacity Droughty Leaching limitation	1.00 0.71 0.45	Very limited Deep to water	1.00
Om: Orthents, Loamy-----	95	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Os: Orthents, Sandy-----	95	Very limited Filtering capacity Leaching limitation	1.00 0.45	Very limited Deep to water	1.00
Ow: Owego-----	80	Very limited Restricted permeability Depth to saturated zone Runoff limitation	1.00 0.95 0.40	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
Pe: Percival-----	85	Very limited Restricted permeability Filtering capacity Droughty	1.00 1.00 0.83	Very limited Cutbanks cave Deep to water	1.00 0.81

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ro: Roxbury-----	85	Very limited Flooding	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.96 0.30 0.10
Sa: Salix-----	85	Not limited		Very limited Deep to water	1.00
Sd: Salmo-----	90	Very limited Depth to saturated zone Restricted permeability Flooding Salinity Leaching limitation	1.00 0.81 0.60 0.50 0.50	Somewhat limited Salty water Slow refill Cutbanks cave	0.50 0.47 0.10
SeB: Sardak-----	90	Very limited Filtering capacity Droughty Leaching limitation	1.00 0.65 0.45	Very limited Deep to water	1.00
SkB: Sardak-----	50	Very limited Filtering capacity Droughty Leaching limitation	1.00 0.65 0.45	Very limited Deep to water	1.00
Scroll-----	30	Very limited Restricted permeability Filtering capacity Droughty	1.00 1.00 1.00	Very limited Cutbanks cave Deep to water	1.00 0.81
SpA: Scroll-----	45	Very limited Restricted permeability Filtering capacity Droughty	1.00 1.00 1.00	Very limited Cutbanks cave Deep to water	1.00 0.81

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Percival-----	35	Very limited Restricted permeability Filtering capacity Droughty	1.00 1.00 0.83	Very limited Cutbanks cave Deep to water	1.00 0.81
SpB: Scroll-----	45	Very limited Restricted permeability Filtering capacity Droughty	1.00 1.00 1.00	Very limited Cutbanks cave Deep to water	1.00 0.81
Percival-----	35	Very limited Restricted permeability Filtering capacity Droughty	1.00 1.00 0.83	Very limited Cutbanks cave Deep to water	1.00 0.81
TaE: Talmo-----	45	Very limited Slope Filtering capacity Droughty Leaching limitation	1.00 1.00 0.61 0.45	Very limited Deep to water	1.00
Thurman-----	35	Very limited Slope Filtering capacity Leaching limitation Droughty	1.00 1.00 0.45 0.05	Very limited Deep to water	1.00
Te: Tetonka-----	90	Very limited Restricted permeability Ponding Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40	Somewhat limited Slow refill Cutbanks cave Salty water	0.30 0.10 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value
ThA: Thurman-----	90	Very limited Filtering capacity Leaching limitation Droughty	1.00 0.45 0.05	Very limited Deep to water	1.00
ThB: Thurman-----	90	Very limited Filtering capacity Leaching limitation Droughty	1.00 0.45 0.05	Very limited Deep to water	1.00
ThC: Thurman-----	90	Very limited Filtering capacity Leaching limitation Droughty	1.00 0.45 0.05	Very limited Deep to water	1.00
Tr: Ticonic-----	45	Very limited Filtering capacity Leaching limitation	1.00 0.45	Very limited Deep to water	1.00
Grable-----	30	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
TtA: Trent-----	40	Not limited		Very limited Deep to water	1.00
Tetonka-----	25	Very limited Restricted permeability Ponding Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40	Somewhat limited Slow refill Cutbanks cave Salty water	0.30 0.10 0.01

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Wakonda-----	25	Very limited Depth to saturated zone Restricted permeability	1.00 0.50	Very limited Deep to water	1.00
TWA: Trent-----	50	Not limited		Very limited Deep to water	1.00
Wentworth-----	30	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
W: Water (less Than 40 Acres)-----	100	Not rated		Not rated	
Wa: Wakonda-----	50	Very limited Depth to saturated zone Restricted permeability	1.00 0.50	Very limited Deep to water	1.00
Tetonka-----	30	Very limited Restricted permeability Ponding Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40	Somewhat limited Slow refill Cutbanks cave Salty water	0.30 0.10 0.01
Wc: Wakonda-----	40	Very limited Depth to saturated zone Restricted permeability	1.00 0.50	Very limited Deep to water	1.00
Wentworth-----	30	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
Clay County, South Dakota

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Whitewood-----	20	Very limited Depth to saturated zone Flooding Leaching limitation Restricted permeability	1.00 0.60 0.50 0.50	Somewhat limited Slow refill Cutbanks cave	0.97 0.10
Wd: Wakonda-----	50	Very limited Depth to saturated zone Restricted permeability	1.00 0.50	Very limited Deep to water	1.00
Whitewood-----	30	Very limited Depth to saturated zone Flooding Leaching limitation Restricted permeability	1.00 0.60 0.50 0.50	Somewhat limited Slow refill Cutbanks cave	0.97 0.10
WkB: Wentworth-----	45	Somewhat limited Restricted permeability	0.50	Very limited Deep to water	1.00
Trent-----	40	Not limited		Very limited Deep to water	1.00
Wm: Whitewood-----	85	Very limited Depth to saturated zone Flooding Leaching limitation Restricted permeability	1.00 0.60 0.50 0.50	Somewhat limited Slow refill Cutbanks cave	0.97 0.10
Wo: Worthing-----	90	Very limited Restricted permeability Ponding Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40	Somewhat limited Slow refill Cutbanks cave Salty water	0.97 0.10 0.01

Ag. Waste Application and Excavated Ponds -- continued
Clay County, South Dakota

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Wp: Worthing-----	95	Very limited Restricted permeability Ponding Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40	Somewhat limited Slow refill Cutbanks cave Salty water	0.97 0.10 0.01

